ABSTRACT OF THE DISCLOSURE

Disclosed is a handoff processing method capable of restarting fast communications. The handoff processing method stores in a handoff buffer Host Control Interface (HCI) data and transmission data upon communications in a state where an Access Point is interlinked with an external device. Further, the method forwards the HCI data and the transmission data buffered in the handoff buffer to a new Access Point (AP) transmitting a message indicating setup completion of a connection if the message indicating setup completion of a connection with the external device is transmitted from the new AP after a handoff occurs as the external device moves. Accordingly, throughputs are not lowered despite handoff occurrences in poor wireless channel environments, so that service quality can be enhanced.